

RECEIVED  
CENTRAL FAX CENTER

MAY 06 2005

OFFICIAL

**HARTMAN AND HARTMAN, P.C.**  
INTELLECTUAL PROPERTY ATTORNEYS  
552 EAST 700 NORTH  
VALPARAISO, INDIANA 46383

GARY M. HARTMAN  
DOMENICA N.S. HARTMAN\*

TEL:(219)462-4999  
FAX:(219)464-1166

\* Also Admitted to Practice in Michigan

May 6, 2005

To: Assistant Commissioner for Patents FAX # (703) 872-9306  
Washington, D.C. 20231

**Attention: Examiner MADELINE GONZALEZ**  
**Group Art Unit 2859**  
**Phone Number: (571) 272-2243**

Re: **OFFICIAL RESPONSE UNDER 37 CFR §1.111**

The following is a 22 - page OFFICIAL RESPONSE to an Office Action filed on February 7, 2005, in the below-identified U.S. Patent Application.

Application No. : 10/711,988  
Applicant : William E. Mellander  
Filed: : October 18, 2004  
TC/Art Unit: : 2859  
Examiner : Madeline Gonzalez

Confirmation No. **5987**

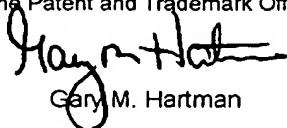
Docket No. : A4-1854  
Customer No. : 27127

Submitted by:  
Gary M. Hartman  
Reg. No. 33,898

RECEIVED  
MAY 10 2005  
OIFE/JCWS

The information contained in this facsimile message is privileged or confidential information to be used only for the purposes intended by the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is neither allowed nor intended. If you have received this communication in error, please immediately notify us by telephone at the above number, and return the original message to us at the above address via the United States Postal Service. Postage will be reimbursed upon request.

**OFFICIAL**

<b>CERTIFICATE OF FACSIMILE TRANSMISSION</b>	
I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.	
	Date: May 6, 2005
Gary M. Hartman	

**RECEIVED  
CENTRAL FAX CENTER****MAY 06 2005****PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. :	10/711,988	Confirmation No. <b>5987</b>
Applicant :	William E. Mellander	
Filed:	October 18, 2004	
TC/Art Unit:	2859	
Examiner :	Madeline Gonzalez	
Docket No. :	A4-1854	
Customer No. :	27127	

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

**AMENDMENT UNDER 37 CFR §1.111**

This paper is being filed in response to an Office Action dated  
February 7, 2005 (Paper No. 20050204).

**TABLE OF CONTENTS:**

Amendments to the Specification:	Starting on Page 2
Amendments to the Claims:	Starting on Page 3
Remarks:	Starting on Page 17
Attachment:	Following Page 21
Fee Transmittal Form	

05/10/2005 AM09DAF1 00000013 080960 10711988  
01 FC:2201 100.00 DA

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2008. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2005**☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ **100.00**)**Complete if Known**

Application Number	10/711,988
Filing Date	10/18/2004
First Named Inventor	William E. Melander.
Examiner Name	Madeline Gonzalez
Art Unit	2859
Attorney Docket No.	A4-1854

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: **08-0960** Deposit Account Name: **Hartman & Hartman, PC**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
20	- 20 or HP = 0	x 0 = 0	

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
4	- 3 or HP = 1	x 100 = 100	

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		

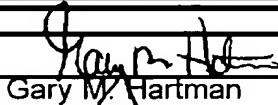
**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

**Fees Paid (\$)****SUBMITTED BY**

Signature

Registration No.  
(Attorney/Agent)

33,898

Telephone (219) 462,4999

Name (Print/Type)

Gary M. Hartman

Date

May 6, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.